

CORRES CONTROL
OUTGOING LTR NO

DOE ORDER # 4700 1

03-RF-01741

DIST	LTR	ENC
DIETER T		
FERRERA, D W		
FERRI, M.S		
LINDSAY D		
LYLE, J		
MARTINEZ L. A.		
PARKER, A.		
POWERS, K.		
SHELTON, D C		
SPEARS, M.S		
TRICE, K.D		
TUOR, N. R.		



November 18, 2003

03-RF-01741

AGUILAR, P		
ALBIN, C		
AUBLE, M.		
BEAN, C		
BUTLER, J L		
DECK, C		
FRANCIS, M.		
FREIBOTH, C		
GEIS, A.		
GIBBS, F	X	
HUMISTON, T		
KNAFF, S.		
LESINSKI, M.		
LINSINGER, H		
MYERS, K	X	X
NESTA, S	X	X
OLIVER, R.		
OMAN, K.		
PLAPPERT, R.		
PRIMROSE, A.		
RICHARDELLA, R.		
ROSENMAN, A.		
SNYDER, D P		
THOMPSON, J		
WIEMELT K	X	X

Joseph A Legare
Assistant Manager for
Environment and Stewardship
DOE, RFFO

RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITIES NOTIFICATION LETTER FOR BUILDING 566 COMPONENT REMOVAL, SIZE
REDUCTION, AND DECONTAMINATION - FEG-039-03

Attached is a draft transmittal letter to the Colorado Department of Public Health and
Environment for the RSOP notification for Building 566 component removal, size reduction and
decontamination The draft transmittal letter has been prepared from DOE RFCA coordinator to
CDPHE RFCA coordinator

Please contact Steve Nesta x6386 with questions or concerns

Frank E. Gibbs

Frank E Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

CORRES CONTROL	X	X
ADMIN RECD/T130G	X	X
TRAFFIC		
PATS/T30		

Attachment
As Stated

CLASSIFICATION	
UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

KLM pvt

AUTHORIZED CLASSIFIER
SIGNATURE

Ong and 1 cc - Joseph A Legare

Date
IN REPLY TO RFP CC NO

cc Steve Tower

ACTION ITEM STATUS
☐ PARTIAL/OPEN
☐ CLOSED
LTR APPROVALS

ORIG & TYPIST INITIALS
KLM pvt

RF-46469(Rev 9/94)



Kaiser-Hill Company, L L C
Rocky Flats Environmental Technology Site, 10808 Hwy 93 Unit B, Golden, CO 80402-8900

ADMIN RECORDS
7-7000
12/18/03

1/9
CLASSIFICATION
Kaiser Hill
ON OFFICE

Steven H Gunderson
Colorado Department of Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

**RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITIES NOTIFICATION LETTER FOR BUILDING 566 COMPONENT REMOVAL, SIZE
REDUCTION, AND DECONTAMINATION**

Mr Gunderson

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to bring Building 566 to the unrestricted release criteria. This will involve component removal, size reduction and decontamination activities utilizing the methods specified in the RSOP. However, it should be noted that two tanks covered under this RSOP Notification letter will not be removed until after the building is demolished, due to these tanks being below grade.

Once the pre-demolition survey is complete and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

Kaiser-Hill Construction or a decommissioning subcontractor will conduct this work. If Kaiser-Hill Construction or the subcontractor would like to use a method or process not included in the RSOP then they are required to notify Kaiser-Hill. If Kaiser-Hill Construction or the subcontractor proposes to use alternate methods, an additional notification will be made and, in consultation with DOE/LRA, the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are attached to this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by Kaiser-Hill Construction or the subcontractor. The exact methods and process selected by Kaiser-Hill construction or the subcontractor and progress of the activities will be communicated to DOE/LRA through the consultative process, particularly the monthly RISS production meetings. The facility will not be breached during the activity.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

Joseph A Legare
U S Department of Energy

RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

Project scope: Building 566 component removal, size reduction, and decontamination											
Facility description: Alarm Facility and Respiratory Laundry											
Description of planned activity(ies): The decontamination, size reduction, and component removal required to bring Building 566 to the unrestricted release criteria.											
Facility/rooms/sets/areas involved: Lint system including a lint collection tank and the laundry process lines including two process tanks											
Is RCRA unit closure(s) part of the planned activity?									Yes		
If RCRA units are included, attach unit specific information sheets and drawings								x	No*		
*RCRA unit closure will be addressed under a separate notification letter											
Attach checklists from Appendix A of the RSOP						x	Component Removal/Size Reduction				
<i>Complete checklists by room/set/area/facility, as appropriate</i>						x	Decontamination				
RLCR Status											
		RLCR complete and concurrence received:									
		RLCR initiated but incomplete; concurrence anticipated:									
x		RLC has not been initiated and is scheduled for initiation on:									
If RLCR is not complete or initiated, what data will be used to plan the work activities?				In process characterization data							
Activity requires modification to the ARARs listed in the RSOP								Yes, attach to letter			
							x	No			
Attach Administrative Record file requirements for the activity.											
Point of contact for each facility/activity: Mike Auble											
Duration of work activities: 2 months					Anticipated work start: December 1, 2003						
Attach schedule for each facility or activity for information purposes.											
Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls								Yes, LRA consultation and concurrence required			
							X	No			
Are there deviations/exceptions to the RSOP for the proposed activity(ies)?									Yes		
								x	No		
Provide an explanation of deviation/exception to the RSOP: Not applicable											
C. Check the appropriate resulting action box below											
Additional RFCA decision document required (PAM – IM/IRA)											
Major modification to RSOP					Field change to RSOP						
Minor modification to RSOP					LRA consultation						
Activity(ies) will result in the following waste types								Process waste			
							x	Remediation waste			
<input type="checkbox"/>	TRU	<input checked="" type="checkbox"/>	LLW	<input type="checkbox"/>	LLMW	<input type="checkbox"/>	Haz.	<input checked="" type="checkbox"/>	Sanitary	<input type="checkbox"/>	Other: recyclable/re-use
LRA Notification Review Time				x	14 days, no RCRA unit closure involved						
					30 days, RCRA unit closure involved						

FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: 566 - Alarm and Respiratory Laundry Facility

Closure Project Manager: Mike Auble

COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	x
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	x
Utilities and other equipment (both inside and outside the facility, including electrical, steam, and fire suppression systems)	x
Walls	x
Floors	
Ceilings	x
Roofs	
Other structural members	
Other*	

Small tools	x
Paving breaker, jackhammer and/or similar tools used to break up concrete	
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	
Hoists and cranes	
Plasma arc cutter	
Diamond wire saw	
Wachs cutter	
Laser cutter	
Oxy-torch cutter	
Hydraulic shears	
Shear baler	
Water cutter using abrasives	
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s)
 Stairs & Platform constructed of Metal

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FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

DECONTAMINATION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	x
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	x
Utilities and other equipment (both inside and outside the facility, including electrical, steam, and fire suppression systems)	x
Walls	
Floors	
Ceilings	
Roofs	
Other structural members	
Other*	

Wiping/scrubbing/washing with water or detergents	x
Vacuuming	x
Strippable Coating	
Grinding	
Scarifying	
Scabbling	
Paving breaker/chipping hammer	
Spalling	
Abrasive/grit blasting	
CO ₂ blasting	
Hydrolasing	
Strong mineral acids	
Organic or weak acids	
Additional oxidants, such as cerium and other similar metals	
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s)

1 Stairs & Platform, 2 Sump Pit

Note In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written

Prepared by: Kimberly L. Myers

Date: 11/17/03

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Administrative Record Requirements for this Activity

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities

Activity ID	Activity Description	Orig Dur	Rem Dur	% Comp	Early Start	Early Finish	Total Float	P104	
								01	02
EG5663382	Sample OPW Liquid Prepare WGI	1	1	1	02DEC03	04DEC03	10		
EG5663384	Sample OPW Liquid Dispose Pipe & Liquid	1	1	1	05DEC03	06DEC03	10		
EG5663386	Remove Breathing Air Comp Room 120	1	1	1	31NOV03A	28NOV03	38		
EG5663387	Process Waste Sys Finish Mezz Scaffolding	1	1	1	18NOV03	18NOV03	7		
EG5663388	Process Waste Sys Remove Mezz Lines	2	2	1	19NOV03	20NOV03	7		
EG5663389	Process Waste Sys Scaffold Plenum	1	1	1	19NOV03	24NOV03	10		
EG5663391	Process Waste Sys Remove Plenum Line	2	2	1	25NOV03	28NOV03	10		
EG5663392	Process Waste Sys Deliver Scaffolding	1	1	1	17NOV03A	24NOV03	6		
EG5663394	Process Waste Sys Scaffold Store Room	1	1	1	25NOV03	03DEC03	6		
EG5663395	Process Waste Sys Remove Store Room Lines	1	1	1	04DEC03	05DEC03	9		
EG5663397	Remove Filters	1	1	1	24NOV03	24NOV03	9		
EG5663399	Epoxy Lines	1	1	1	08DEC03	11DEC03	9		
EG5663475	B566 Decommissioning Dismantlement	7	7	1	01SEP03A	08DEC03	6		
Process Waste Tank Dismantlement									
EG5663420	Complete Rad Surveys/Sample Inner Tanks	1	1	1	01NOV03A	01DEC03	6		
EG5663430	Foam and Remove at time of Demo	1	1	1	01DEC03	01DEC03	7		
EG5663440	Disposition Any Sludge Found (if Req'd)	1	1	1	02DEC03	15DEC03	6		
RCRA Removal									
EG5663530	Removal of all Chemicals	4	7	1	02SEP03A	01DEC03	7		
EG5663538	Supplies to Building 566	1	1	1	03NOV03A	20NOV03	7		
EG5663539	Pack Complete and Shipped out of Bldg	7	7	1	03NOV03A	28NOV03	7		
EG5663540	Verify RCRA Clean	1	1	1	28NOV03	01DEC03	7		
EG5663470	B566 Decommissioning Decontamination	4	7	1	01OCT03A	01DEC03	7		
Utilities Disconnect									
EG5663625	B566 Decommissioning Utility Disconnect	2	1	1	25SEP03A	25NOV03	7		
EG5663480	Util Disconnect/Process Waste Lines V19 Air Gap	1	1	1	21NOV03A	25NOV03	7		
EG5663482	Remove All Bulbs/Balleasts with PCB	1	1	1	03NOV03A	24NOV03	7		
EG5663600	B566 Cold and Dark	1	1	1	1	25NOV03	7		
EG5663610	Electrical Power Disconnect	1	1	1	21NOV03A	22NOV03	9		
EG5663614	Util Disconnect/Drain Water, Sewer Gas Lines	1	1	1	15OCT03A	20NOV03	7		
Demolition									
EG5663650	Cold and Dark Walkdown	1	1	1	28NOV03	28NOV03	7		
EG5663660	Cold and Dark Board	1	1	1	01DEC03	01DEC03	7		
EG5663662	Complete Any Actions from Cold and Dark Board	2	2	1	02DEC03	03DEC03	7		
EG5663664	Obtain D. Ferrero Signature	1	1	1	03DEC03	03DEC03	7		

Activity ID	Activity Description	Orig Dur	Rem Dur	% Comp	Early Start	Early Finish	Total Float
EGS663700	POS with CDPHE	1	1	C	15DEC03	15DEC03	68
EGS663710	Notify LRA Prior to Demolition	1	1	C	15DEC03	15DEC03	68
EGS663712	Obtain Demolition Permit	11	11	C	18NOV03	04DEC03	72
EGS663714	Obtain Air Permit	6	6	C	08DEC03	15DEC03	64
EGS663720	Develop and Approve KH Demo Plan	7	7	C	18NOV03	02DEC03	72
EGS663730	Verify Training Complete for KH and Subs	1	1	C	03DEC03	03DEC03	72
EGS663740	KH 1st Pre-Ev	1	1	C	17DEC03	17DEC03	68
EGS663750	KHC Authorization to Proceed	1	1	C	16DEC03	16DEC03	68
EGS663760	Demolition/Disposal of 560/566A	11	11	C	18DEC03	13JAN04	68
EGEFD4460	B568 Decommissioning Demolition	11	11	C	18DEC03	13JAN04	68
ER Turnover							
EGS66030	B568 Decommissioning Turnover to 776	C	C	C		18JAN04	35
EGS663780	Turnover to 776	1	1	C	14JAN04	14JAN04	35

